

CITY OF CHURCH HILL
P O BOX 366
CHURCH HILL, TN 37642



April 12, 2017

Re: Semi-annual Pretreatment Report

Dear Robert,

Enclosed, please find a copy of the Semi-annual Pretreatment Report from the City of Church Hill. This report covers the time period of October 1, 2016 thru March 31, 2017.

If there are any questions or if I can be of any further assistance concerning this matter please feel free to contact me at (423) 329-9380

Sincerely,

A handwritten signature in blue ink, appearing to read "Sandy Renner".

Sandy Renner
Pretreatment Coordinator
City of Church Hill



Tennessee Department of Environment and Conservation
Division of Water Resources
401 Church Street, 6th Floor L & C Annex
Nashville, TN 37243-1534
(615) 532-0625



CONTROL AUTHORITY PRETREATMENT SEMI-ANNUAL/ANNUAL REPORT

Control Authority Identification:				
Control Authority Name :	CITY OF CHURCH HILL			
Report Date :	4/12/17			
Reporting Period Covered by this report	From	10/1/16	To	3/31/17
Reporting Period Covered by previous report	From	4/1/16	To	9/30/16

Name of Wastewater Treatment Plant(s)	NPDES Permit No.
1. CITY OF CHURCH HILL WWTP	TN0021253
2.	
3.	
4.	
5.	

Person to contact concerning this report: SANDY RENNER	Title or Position: PRETREATMENT COORDINATOR		
Mailing Address: 500 S ALLENS BRIDGE RD	City: GREENEVILLE	State: TN	Zip: 37743
Phone number(s): 423-329-9380	E-mail (optional): skrenner2001@yahoo.com		
Fax number (optional):	Website (optional):		

Report Certification: (must be signed in accordance with the requirements of Tennessee Rule 1200-4-14-.12(13))	
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. A false statement is subject to the penalties of perjury."	
Name: (print or type) SANDY RENNER	Title: (print or type) PRETREATMENT COORDINATOR

Report Date:

TN0021253

Signature:

Sammy L. Mc

Date:

4/12/17

Pretreatment – Narrative Summary

Walker Forge changed ownership and changed the name to Bharat Forge PMT Technologie, LLC as of December 15, 2016. A new IU permit was issued and there are no process changes at this time, if and when there are, Bharat will notify the City of Church Hill.

Cooper Standard Automotive Building "B" is now classified as a Zero Discharge User, as of 12/15/16. This building is only a warehouse for storage. A new IU permit was issued and if there are changes in the future, they will notify the City of Church Hill.

Water usage for IU's on the average is lower for this reporting period compared to reporting period 4/1/16 through 9/30/16, possibly due to seasonal production.

Cooper Standard and Techni-Glass have new IU contacts noted on Form 3 IU Summary.

Report Date:

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Form 1a

Results of Sampling at Control Authority

Sample Date(s): 10/20/16 1/20/17

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Parameter	Influent (mg/l)	Protection criteria (mg/l)	Effluent (mg/l)	Pass Through Limit (mg/l)	Removal Rate (%)
Copper (Cu)	0.02765	0.432	0.00922	0.08	66.65
Chromium III	0.00163	0.01	<0.0010	0.01	-0-
Chromium VI	<0.000500	0.01	<0.000500	0.01	-0-
Chromium Total	0.00163	0.183	<0.00105	0.06	35.58
Nickel (Ni)	0.00284	0.2727	0.00196	0.18	30.99
Cadmium (Cd)	<0.00100	0.03	<0.00105	0.005	-0-
Lead (Pb)	0.001325	0.216	<0.0010	0.045	24.53
Mercury (Hg)	<0.000200	0.00166	<0.0002	0.0004	-0-
Silver (Ag)	<0.00100	0.006	<0.0010	0.005	-0-
Zinc (Zn)	0.2325	0.5917	0.06295	0.2	72.92
Cyanide (Cn)	0.0105	0.26	<0.0050	0.23	52.38
Phenols, Total	0.07345	0.11627	<0.0400	0.05	45.54
Toluene	<0.0050	0.375	<0.0050	0.015	-0-
Benzene	<0.0010	0.019	<0.0010	0.0030	-0-
1,1,1-trichloroethane	<0.0010	0.25	<0.0010	0.03	-0-
Ethylbenzene	<0.0010	0.04	<0.0010	0.004	-0-
Carbon tetrachloride	<0.0010	0.015	<0.0010	0.015	-0-
Chloroform	<0.0050	0.223	<0.0050	0.085	-0-
Tetrachloroethylene	<0.0010	0.13888	<0.0010	0.025	-0-
Trichloroethylene	<0.0010	0.1	<0.0010	0.01	-0-
1,2 trans dichloroethylene	<0.0010	0.0075	<0.0010	0.0015	-0-
Methylene chloride	<0.0050	0.09615	<0.0050	0.05	-0-
Naphthalene	<0.0010	0.0125	<0.0010	0.001	-0-
Total phthalates	<0.012	0.116	<0.0012	0.0645	-0-

Include any parameters sampled in the reporting period including the routine semiannual sampling as well as the effluent sampling specified in Section III of the National Pollution Discharge Elimination System (NPDES) permit, including applicable toxic organics (i.e., toluene, benzene, 1,1,1 – trichloroethane and chloroform).

You must sample for all parameters in your NPDES Permit at the required frequency (See Part 3 of your NPDES permit for required pretreatment monitoring).

Report Date:

TN0021253

Form 1b

Biosolids

What does the Control Authority do with the sludge/biosolids? LAND APPLY

If biosolids are land-applied, please fill out the following Table.

Parameter	Biosolids Concentration (mg/kg)	503 Table 1 limits Ceiling Concentration (mg/kg)	503 Table 3 limits Monthly Ave. (mg/kg)
Arsenic	25.2	75	41
Cadmium	1.05	85	39
Copper	315	4300	1500
Lead	23.6	840	300
Mercury	0.533	57	17
Molybdenum	12.8	75	N/A
Nickel	12.5	420	420
Selenium	9.45	100	100
Zinc	1012.5	7500	2800

Were there any samples of biosolids that exceeded the ceiling concentrations from 40 CFR Part 503 (Table 1)? NO

What date(s)? N/A

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Form 2

Report of Upsets, Protection Criteria Violations, Biosolids Violations and Pass-Through Limit Violations

Type of Incident	Date	Explanation of Incidents	Corrective Action Taken
none			

* Give a detailed explanation of the causes of the incident and the corrective action taken to date. The corrective action should also include any plans the Control Authority has to identify or correct the problem. If there is not enough room on this form, include the information in the Narrative Summary.

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Report Date:

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Form 3
Industrial User Summary

Industrial User Name and Mailing Address	Contact (indicate Mr./Ms.) Phone #/Fax# and email address (optional)	Type of Industry **	Actual Flow (GPD)
CONTOUR GLASS	DAVID TOMLINSON 423-345-2000 dtomlinson@contourind.com	SN	11,403
COOPER STANDARD AUTOMOTIVE A BLDG 377 PHIPPS BEND ROAD SURGOINSVILLE, TN 37873	ANGEL VICARS 423-345-5337 angel.vicars@cooperstandard. com	CIU Iron & Steel 40 CFR 420	36,847
COOPER STANDARD AUTOMOTIVE B BLDG 377 PHIPPS BEND ROAD SURGOINSVILLE, TN 37873	ANGEL VICARS 423-345-5337 angel.vicars@cooperstandard. com	CIU -0- DISCHARGE	228
FROG PROPERTIES 121 KINGSPORT PRESS RD CHURCH HILL, TN 37642	BLU CASTLE	NCIU WAREHOUSE	6,926
HUTCHINSON SEALING SYSTEMS 309 PRESS ROAD CHURCH HILL, TN 37642	JOHNNY EVANS 423-357-6991	CIU -0- DISCHARGE	18,615
DALTON STAMP & DIE 930 PHIPPS BEND ROAD SURGOINSVILLE, TN 37873	MICHAEL ANDREWS 423-345-4477 daltonstamp@aol.com	CIU 40 CFR 433.17 (a)	454
HOMELAND VINYL PRODUCTS 140 INDUSTRIAL DRIVE SURGOINSVILLE, TN 37873	ROBBIE BAILEY 423-345-2351	SN -0- DISCHARGE	92
MIS INC 119 INDUSTRIAL DR SURGOINSVILLE, TN 37873	GARY KILPARICK 423-345-2303	SN	1,406

TABCO INC 950 PHIPPS BEND RD SURGOINSVILLE, TN 37873	TONY BARTON 423-345-2299	CIU METAL FINISHING 40 CFR 433.17 (a)	3,068
TECHNI GLASS INC 916 PHIPPS BEND RD SURGOINSVILLE, TN 37873	ISAAC OVERBAY 423-345-4527 ioverbay@techni- glassinc.com	SN	8,935
BHARAT FORGE PMT TECHNOLOGIE, LLC 2105 SEHMIEDE ST SURGOINSVILLE, TN	DOUG CHAPPELL 423-345-1019	CIU NEW SOURCE Iron & Steel 40 CFR 420 Subpart G	19,829
**If a Significant Industrial User (SIU) is Categorical, list the applicable category (i.e., metal finisher, electroplater, leather tanner, etc.). Non-categorical SIUs should be listed as SN (Significant Non-Categorical), with a description of the process (i.e., SN-landfill or SN-hospital). All Non-significant Categorical Industrial Users (NSCIU) should be listed on the form and identified as an NSCIU. Information on NSCIUs is required on Form 3, but not required on any other form in this report. Industries that are not significant <u>and</u> not categorical are not required to be listed in this report. However, if you wish to list them on this form, please identify them as "Other."			

Report Date:



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Form 4 Industrial User Monitoring Report				
Column 1	Column 2	Column 3	Column 4	Column 5
Industrial User Name and Mailing Address	Control Authority Inspection Date(s)	Control Authority Sampling Frequency	Control Authority Sampling Date(s)	SIU Self-Monitoring Dates(s)
CONTOUR GLASS	5/10/16	1/12 MONTHS	10/19/16	10/18/16 1/10/17
COOPER STANDARD A BLDG	11/10/16	1/12MONTHS	11/9/16	11/8/16 1/11/17
COOPER STANDARD B BLDG	11/10/16	1/12MONTHS	11/9/16	11/8/16
FROG PROPERTIES	5/10/16	1/12 MONTHS	10/18/16	10/4/16 12/20/16 2/16/17
HUTCHINSON SEALING	1/5/17	1/12 MONTHS	10/18/16	NOT REQUIRED
DALTON STAMP & DIE	1/5/17	1/12 MONTHS	3/20/17	3/21/17
HOMELAND VINYL PRODUCTS	5/10/16	1/12 MONTHS	10/18/16	NOT REQUIRED
MIS INC	1/5/17	1/12 MONTHS	10/19/16	10/18/16
TABCO INC	5/10/16	1/12 MONTHS	2/22/17	2/21/17
TECHNI GLASS INC	1/5/17	1/12 MONTHS	10/19/16	10/18/16
BHARAT FORGE PMT TECHNOLOGIE, LLC	12/13/16	1/12 MONTHS	10/19/16	10/18/16 1/11/17

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Form 5b

Industrial User Compliance Report

Semi-annual reporters only must complete this form
(For semi-annual reporting period October 1, 2016– March 31, 2017)

Column 1	Column 2		Column 3		Column 4		Column 5		Column 6	
	July – September		October – December		Jan – March		July – December		October – March	
Industrial User	Parameters Violated (conc/limit)	Total Number of Samples	Parameters Total Violated (conc/limit)	Total Number of Samples	Parameters Total Violated (conc/limit)	Total Number of Samples	Chronic Viol. (Yes or No)	TRC Viol. (Yes or No)	Chronic Viol. (Yes or No)	TRC Viol. (Yes or No)
	0				0		no	no	no	no
	0				0		no	no	no	no
	0				0		no	no	no	no
	0				0		no	no	no	no

ie one line for each parameter for each SIU with violations, showing whether a Technical Review Criteria (TRC) or Chronic violation resulted: Yes for violations resulting in TRC or Chronic – both are Significant Non-Compliance (SNC) or No for violations not resulting in TRC/Chronic Violations. Please note that monthly average and daily maximum for a specific parameter are considered to be separate limitations. Therefore, SNC would be calculated separately for each limitation. "conc" stands for concentration.

Form 6					
Enforcement and Compliance					
Industrial User	Verbal Warnings (1) (Enter Number)	Notice of Violation (Enter Number)	Compliance Schedule Conformity (2)	Administrative Orders (Enter Number)	Number of Violations Resolved
none					

1 Verbal warnings include phone calls and site visit discussions.

2 Use the following code:

In compliance with schedule

= Yes

Out of compliance with schedule

= No

Facility not on a schedule

= NA

Note: Describe compliance schedule in a footnote or in the Narrative Summary, giving the date issued, the violation and due dates for major milestones.

<div>Form 7</div> <div>Pretreatment Performance Summary</div>		
I. General Information		
Control Authority Name: CITY OF CHURCH HILL		
Address: 500 S ALLENS BRIDGE RD		City: GREENEVILLE, TN 37743
Contact Person: SANDY RENNER		Contact Phone Number: 423-329-9380
Reporting Period: 10/1/16 to 3/31/17		NPDES Number: TN0021253
Number of Categorical SIUs:	Number of Non-Categorical SIUs:	Total Number of SIUs:
5	6	11

II. Significant Industrial Compliance	SIUs	
	Categorical	Non- Categorical
1) No. of SIUs in Significant Non-compliance (SNC)		
2) Reasons for Significant Non-compliance (SNC)		
a) In SNC for Violations of pretreatment standards		
b) In SNC for Reporting Violations		
c) In SNC for Compliance Schedule Violations		
d) In SNC for Other (explain in Narrative Summary)		

III. Monitoring	SIUs	
	Categorical	Non- Categorical
1) Facilities Monitored by CA (samples analyzed for all SIU permit parameters):		
a) No. of SIUs Sampled by the Control Authority (CA)	5	6
b) No. of SIUs Inspected by the CA		
2) Total Monitoring Events:		
a) No. of Samples by the CA	5	6
b) No. of Inspections by the CA		
3) How many SIUs do not have a current control mechanism (permit)	0	0

IV. Enforcement	SIUs	
	Categorical	Non- Categorical
1) SIUs Subject to Any Enforcement Actions (include verbal warnings	0	0
2) SIUs Listed in the Newspaper for SNC in this period	0	0
3) Notices of Violations Issued *	0	0
4) Administrative Orders Issued *	0	0
5) No. of SIUs on Compliance Schedules (anytime in period)	0	0
6) Suits Filed:		
a) Civil Suits *	0	0
b) Criminal Suits *	0	0
7) Other Actions Taken (sewer bans, etc. but not verbals) *	0	0
8) Penalties Collected: (not surcharges)		
a) No. of SIUs from whom penalties were collected	0	0

b) Total Dollars (\$) collected in the period	0	0
* Enter the number of ACTIONS, not the number of SIUs		